VIXEN

This project is to build as low as possible cost "PET" in 90 days. The fundamental characteristics are:

(1) 2.0 PET Basic.

(2) Product is based on 2114, 2364 and 20 column VIC using a minimum of outside parts.

(3) The product will be offered in only color.

(4) The product will be offered with a single card expander which may then connect to additional cards. This expander may contain RAM, ROM, I/O devices. There will be no direct high resolution mode, only available with ROM cards.

(5) The unit will be supplied with 5K of static RAM plus 1K nibble for the color data.

(6) The keyboard will be a standard touch type keyboard with 48 keys plus four function keys. Cursor motion will be done with a function key held down.

(7) The I/O for this system will be a single PET cassette repackaged and sold at $50 retail, a RS232 line out and in, and a Commodore Serial bus which will be used to drive printers, discs, etc.

(8) This combination will allow the Vixen to hook up to communications systems like Teletext, The Source and other communication networks and to also allow people to hook up RS232 printers.

(9) The Commodore Serial bus will allow us to develop proprietary products like a calculator printer, a low cost disc, and a 40 column thermal printer.
Two joy sticks and a light pen will be extra cost options and will connect directly to the case.

(10) Sound will be coupled into the monitor drive output but will not be a directly supported in the base system.

(11) The system will have enough power to drive the computer and a ROM card containing an additional 4K RAM and one 64K ROM.

(12) The mother card would have an additional power system to power several plug in cards.

(13) The system will output color characters 22 x 24 lines with the ability to treat the screen as 88 character lines for text processing.

(14) Basic programs may be exchanged between PET and VIXEN by cassette.

(15) The internal operating system will be limited to 14K, however, the programming and features will be available in a ROM.

(16) The unit will connect to the Commodore standard RF modulator (TOI compatible).

Cards which should be offered.

High Resolution Card/with game
Typing Practice and upper/lower case
Teletext Terminal
Programming Aide (machine language, tool kit, basic keys)

scanned by:
commodore
international
historical
society

www.commodore.international